

Title (en)

Poly-P-xylylene films as an orifice plate coating

Title (de)

Folien aus Poly-p-Xylylen zum Beschichten von Düsenplatten

Title (fr)

Films de poly-p-xylylène pour revêtement de plaques perforées

Publication

**EP 0638602 B1 19981014 (EN)**

Application

**EP 94305203 A 19940715**

Priority

US 10507493 A 19930809

Abstract (en)

[origin: EP0638602A1] A poly-p-xylylene coating (30a, 30b) has been found to demonstrate superior properties as a thermal ink-jet adhesive material in combination with resistor assemblies (10) employed in thermal ink-jet printheads. This material evidences better adhesion for securing the orifice plate (22) to the barrier material (24) used to form the ink firing chambers (26) within the printhead and superior corrosion resistance to thermal ink-jet inks, compared to other coating materials. <IMAGE>

IPC 1-7

**C08G 61/02**; **B41J 2/00**

IPC 8 full level

**B41J 2/05** (2006.01); **B41J 2/16** (2006.01); **C08G 61/00** (2006.01); **C08G 61/02** (2006.01)

CPC (source: EP US)

**B41J 2/1606** (2013.01 - EP US); **C08G 61/02** (2013.01 - EP US); **Y10T 29/49401** (2015.01 - EP US); **Y10T 156/10** (2015.01 - EP US)

Cited by

EP0812690A3; US6502915B1; US5812158A; EP0785073A3; EP0913259A3; US6259463B1; US6193345B1; US6193347B1; US6234613B1; EP0785073A2

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